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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/486,307	02/24/2000	HELMUT KREUZER	1041	6834

7590 11/21/2002
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EXAMINER

PEREZ, GUILLERMO

ART UNIT PAPER NUMBER

2834

DATE MAILED: 11/21/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/486,307

Applicant(s)

KREUZER, HELMUT

Examiner

Guillermo Perez

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 August 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 7-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Response to Amendment

Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 7-10 are rejected under 35 U.S.C. 102(b) as being anticipated by J. E. McElligott (U. S. Pat. 2,731,576).

Referring to claim 7, J. E. McElligott discloses a three-phase generator ($\Phi 1$, $\Phi 2$, $\Phi 3$ in figure 5), comprising:

- a winding packet (15) that is penetrable by a rotating magnetic field; and that
- a number of winding (a' , a'' , b' , b'' , c' , c'' , d' , d'' , e' , e'' , f' , f'') of the winding packet (15) is respectively connected together into at least one phase ($\Phi 1$, $\Phi 2$, $\Phi 3$ in figure 5) at which a generator voltage is tapped;
 - i. the winding (a' , a'' , b' , b'' , c' , c'' , d' , d'' , e' , e'' , f' , f'') is comprised of a number of parallel wound winding wires (figure 4);

- ii. out of at least three parallel wound winding wires of a phase (a' , a'' , b' , b'' in figures 4 and 5), at least two (a' , a'') are connected to separate phase terminals (31) at each of which a partial generator voltage is tapped;
- iii. the windings (a' , a'' , b' , b'' , c' , c'' , d' , d'' , e' , e'' , f' , f'') constitute a main winding (a formed by a' and a'') and the windings constitute an auxiliary winding (b formed by b' , b'');
- iv. both windings (a, b) of a phase ($\Phi 1$) are connected electrically parallel to one another (figure 5);
- v. all the windings (a' , a'' , b' , b'' , c' , c'' , d' , d'' , e' , e'' , f' , f'') are located in a star-shaped configuration (figures 2 and 5) and are connected with one another in a center point (37);
- vi. the main winding (a) and the auxiliary winding (b) of the winding packet (15) each has three phases ($\Phi 1$, $\Phi 2$, $\Phi 3$ in figure 5);
- vii. the main winding of each phase ($\Phi 1$, $\Phi 2$, $\Phi 3$ in figure 5) has one winding and the auxiliary winding of each phase ($\Phi 1$, $\Phi 2$, $\Phi 3$ in figure 5) has one winding;
- viii. the main windings (a) and the auxiliary windings (b) each have two opposite winding ends;
- ix. each main winding (a) and each auxiliary winding (b) has one of the winding ends, which faces the star-shaped

configuration (37), with which the windings (a', a'', b', b'', c', c'', d', d'', e', e'', f', f'') are connected with one another in the star-shaped configuration (at 37);

- x. the main windings (a) and the auxiliary windings (b) each have winding ends (31-36) which face away of the star-shaped configuration (37) and each is connected with a phase terminal ($\Phi 1$, $\Phi 2$, $\Phi 3$ in figure 5);
- xi. at winding ends (31-36), which face away of the star-shaped configuration of the windings of the main winding (a) and of the windings of the auxiliary winding (b), an output voltage which is separate from one another is produced; and
- xii. the main winding (a) and the auxiliary winding (b) are connected electrically parallel to one another (figure 5).

Referring to claim 8, J. E. McElligott discloses that the windings (a', a'', b', b'', c', c'', d', d'', e', e'', f', f'') are constituted by a common conductor bundle (figure 4).

Referring to claim 9, J. E. McElligott discloses that the main winding (a) has at least two parallel connected winding wires (a', a'').

Referring to claim 10, J. E. McElligott discloses that the auxiliary winding (b) has at least one winding wire (b', b'').

Response to Arguments

Applicant's arguments with respect to claims 7-10 have been considered but are moot in view of the new ground(s) of rejection.

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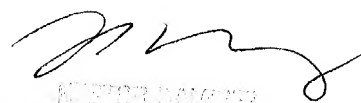
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Guillermo Perez whose telephone number is (703) 306-5443. The examiner can normally be reached on Monday through Thursday and alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on (703) 308 1371. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305 3432 for regular communications and (703) 305 3432 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308 0956.

Guillermo Perez
November 7, 2002



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